



React Router

*Two roads diverged in a wood and I
- I took the one less traveled by,
and that has made all the difference.*

— Robert Frost



What is React Router?

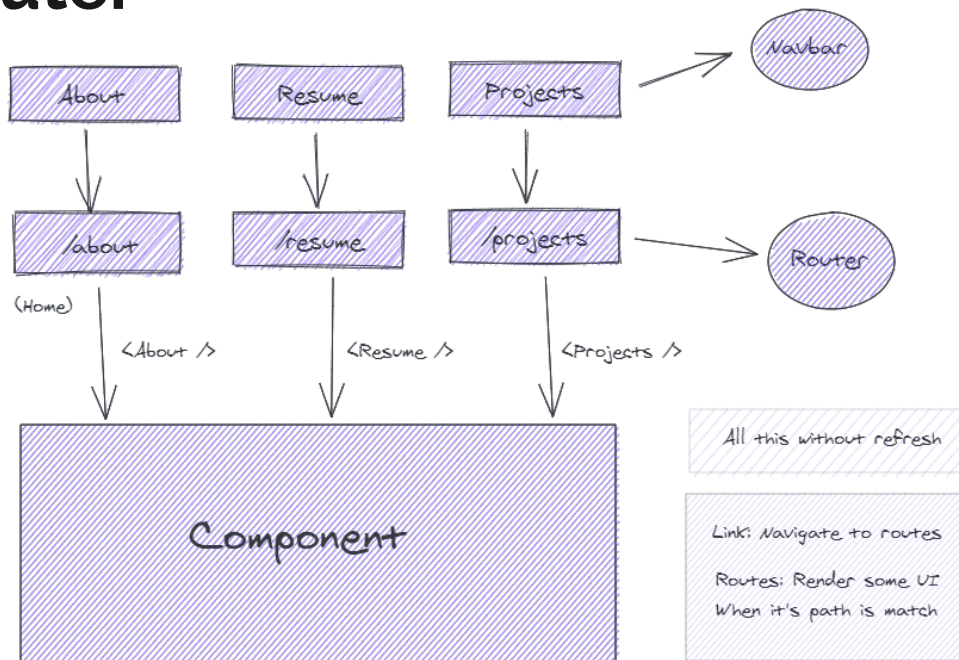
- React Router is a fully-featured client and server-side routing library for React, a JavaScript library for building user interfaces
- React Router runs anywhere React runs; on the web, on the server with node.js, and on React Native.



React Router

- `npx create-react-app@latest c16`
- `npm install react-router-dom@6`
- <https://reactrouter.com/docs/en/v6/getting-started/tutorial#connect-the-url>

React Router





Let's do some examples/exercises!

- git clone [git@github.com:remix-run/react-router.git](https://github.com/remix-run/react-router.git)
- cd react-router
- npm install
- cd examples/basic
- npm install
- npm run dev



Assignment

- Create a website that has a login user page and a dashboard
- The user must “login” the app using a username and password (use useState hook for this if needed)
- After the user is logged in in dashboard there should be two views (links) the view itself, and the settings view
- In the dashboard view display some data from a json file (use a map function to map into an react component)



Assignment - 2

- Recreate the website from C3 using React and react routes
- React components as well
- (all the design should be done in react components)

React Router – `<Routes>` instead of Switch

